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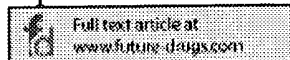
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Progress in prophylactic and therapeutic vaccines for human papillomavirus infection.

Stanley MA.

Department of Pathology, Cambridge, UK. mas@mole.bio.cam.ac.uk

Virus-like particle (VLP) subunit vaccines composed of the major capsid protein L1 of the genital human papillomaviruses (HPVs) are now in Phase III clinical trials. The vaccines are immunogenic and safe and early results indicate efficacy. VLPs induce strong cell-mediated as well as humoral immune responses and chimeric VLPs including an HPV early protein may have therapeutic potential. Polynucleotide and recombinant viral vaccines encoding nonstructural viral proteins show therapeutic and prophylactic efficacy in animal models and are candidate immunotherapies for established low-grade benign genital infections. Vaccines designed to elicit cytotoxic T-lymphocytes specific for the HPV oncoproteins E6 and E7 show immunogenicity and efficacy in transplantable tumor models in rodents. In Phase I and II trials these vaccines are immunogenic and safe but show limited efficacy.

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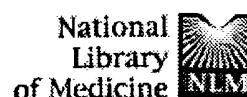
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 Prevention of cervical cancer through papillomavirus vaccination.
Nat Rev Immunol. 2004 Jan;4(1):46-54. Review.
PMID: 14704767 [PubMed - indexed for MEDLINE]
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 Cervical cancer vaccines: progress and prospects.
J Soc Gynecol Investig. 2002 Sep-Oct;9(5):254-64. Review.
PMID: 12383909 [PubMed - indexed for MEDLINE]
- ☐ 3: [Sanclemente G.](#) [Related Articles, Links](#)
 [What clinicians should know about human papilloma virus vaccines]
Gac Med Mex. 2003 Mar-Apr;139(2):173-83. Review. Spanish.
PMID: 12754956 [PubMed - indexed for MEDLINE]
- ☐ 4: [Steller MA.](#) [Related Articles, Links](#)
 Update on human papillomavirus vaccines for cervical cancer.
Curr Opin Investig Drugs. 2002 Jan;3(1):37-47. Review.
PMID: 12054070 [PubMed - indexed for MEDLINE]
- ☐ 5: [Eiben GL, da Silva DM, Fausch SC, Le Poole IC, Nishimura MI, Kast WM.](#) [Related Articles, Links](#)
 Cervical cancer vaccines: recent advances in HPV research.
Viral Immunol. 2003;16(2):111-21. Review.
PMID: 12828864 [PubMed - indexed for MEDLINE]
- ☐ 6: [Davidson EJ, Kitchener HC, Stern PL.](#) [Related Articles, Links](#)
 The use of vaccines in the prevention and treatment of cervical cancer.
Clin Oncol (R Coll Radiol). 2002 Jun;14(3):193-200. Review.
PMID: 12109821 [PubMed - indexed for MEDLINE]
- ☐ 7: [Schiller JT, Hidesheim A.](#) [Related Articles, Links](#)
 Developing HPV virus-like particle vaccines to prevent cervical cancer: a progress report.
J Clin Virol. 2000 Oct;19(1-2):67-74. Review.
PMID: 11091149 [PubMed - indexed for MEDLINE]
- ☐ 8: [Schiller JT.](#) [Related Articles, Links](#)
 Papillomavirus-like particle vaccines for cervical cancer.
Mol Med Today. 1999 May;5(5):209-15. Review.
PMID: 10322313 [PubMed - indexed for MEDLINE]
- ☐ 9: [Lehtinen M, Malm C, Apter D, Heikkila R, Heino P, Rimpila K.](#) [Related Articles, Links](#)

Zilliacus R, Paavonen J.



[Preventive vaccines against papillomavirus and cervix cancer will soon enter clinical practice]

Lakartidningen. 2003 Oct 23;100(43):3408-12. Review. Swedish.
PMID: 14626768 [PubMed - indexed for MEDLINE]

☐ 10: Seilles E, Riethmuller D, Mouglin C.

Related Articles, Links



[Biology of the papillomavirus infections: V. Vaccine developments]

Ann Biol Clin (Paris). 1999 Sep-Oct;57(5):517-24. Review. French.
PMID: 10518053 [PubMed - indexed for MEDLINE]

☐ 11: Murakami M, Gurski KJ, Steller MA.

Related Articles, Links



Human papillomavirus vaccines for cervical cancer.

J Immunother. 1999 May;22(3):212-8. Review.
PMID: 10335480 [PubMed - indexed for MEDLINE]

☐ 12: Paavonen J.

Related Articles, Links



[HPV vaccination--a possibility for prevention of cervical cancer]

Duodecim. 2002;118(21):2159-60. Finnish. No abstract available.
PMID: 12486951 [PubMed - indexed for MEDLINE]

☐ 13: Lowy DR, Schiller JT.

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Papillomaviruses and cervical cancer: pathogenesis and vaccine development.

J Natl Cancer Inst Monogr. 1998;(23):27-30. Review.
PMID: 9709299 [PubMed - indexed for MEDLINE]

☐ 14: Galloway DA.

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Papillomavirus vaccines in clinical trials.

Lancet Infect Dis. 2003 Aug;3(8):469-75. Review.
PMID: 12901889 [PubMed - indexed for MEDLINE]

☐ 15: Frazer I.

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Vaccines for papillomavirus infection.

Virus Res. 2002 Nov;89(2):271-4. Review.
PMID: 12445666 [PubMed - indexed for MEDLINE]

☐ 16: Lehtinen M, Paavonen J.

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Effectiveness of preventive human papillomavirus vaccination.

Int J STD AIDS. 2003 Dec;14(12):787-92. Review.
PMID: 14678583 [PubMed - indexed for MEDLINE]

☐ 17: Garcia-Carranca A.

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Vaccines against human papillomavirus and perspectives for the prevention and control of cervical cancer.

Salud Publica Mex. 2003;45 Suppl 3:S437-42. Review.
PMID: 14746037 [PubMed - indexed for MEDLINE]

☐ 18: Gavarasana S, Kalasapudi RS, Rao TD, Thirumala S.

Related Articles, Links



Prevention of carcinoma of cervix with human papillomavirus vaccine.

Indian J Cancer. 2000 Jun-Sep;37(2-3):57-66. Review.
PMID: 11876611 [PubMed - indexed for MEDLINE]

☐ 19: Plummer M, Franceschi S.

Related Articles, Links

**Strategies for HPV prevention.**

Virus Res. 2002 Nov;89(2):285-93. Review.

PMID: 12445668 [PubMed - indexed for MEDLINE]

☐ **20:** [Stanley MA.](#)[Related Articles, Links](#)**Human papillomavirus vaccines.**

Curr Opin Mol Ther. 2002 Feb;4(1):15-22. Review.

PMID: 11883690 [PubMed - indexed for MEDLINE]

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